

Angular Line of Business Applications

Hands-On Lab 4: Data

PREP: Starting Files

Repository: <https://github.com/DeborahK/AngularU2015>

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take4 – Data**

Key Tasks:

1. index.html
 - a. Add the script tag for **Scripts/angular-resource.js**
 - b. Add the script tag for **Scripts/angular-mocks.js**
 - c. Add the script tag for the new common services module: **common/common.services.js**
 - d. Add the script tag for the new service: **common/movieResource.js**
 - e. Add the script tag for the mocking module: **common/movieResourceMock.js**
2. app.js
 - a. Add **common.services** as a dependency when defining the movieHunter module.
 - b. Add **movieResourceMock** as a dependency when defining the movieHunter module.
3. common.services.js
 - a. Examine the code for this new module.
4. movieResource.js
 - a. Examine the code for this custom service.
5. movieListCtrl.js
 - a. Inject **movieResource** as a dependency
 - i. Be sure to add it to the controller method array as well
 - b. Add the code to call the **movieResource query** method.
6. Run the application
 - a. The main page should appear with a menu and welcome icon.
 - b. Selecting the Search by Title menu option should display the list of movies.
 - i. This should be different from the hard-coded list of movies.
 - c. Clicking on a movie still displays the hard-coded movie.
7. movieDetailCtrl.js
 - a. Inject **movieResource** as a dependency.
 - i. Be sure to add it to the controller method array as well.
 - b. Add the code to call the **movieResource get** method and pass in the movie Id.
8. Run the application
 - a. The main page should appear with a menu and welcome icon.
 - b. Selecting the Search by Title menu option should display the list of movies.
 - i. This should be different from the hard-coded list of movies.
 - c. Clicking on a movie should now display the appropriate movie.

LAB 4 Code

app.js

```
var app = angular.module("movieHunter", ["ngRoute",  
                                          "common.services",  
                                          "movieResourceMock"]);
```

movieListCtrl.js

```
angular  
  .module("movieHunter")  
  .controller("MovieListCtrl",  
              ["movieResource",  
               MovieListCtrl]);  
  
function MovieListCtrl(movieResource) {  
  ...  
  movieResource.query(  
    function (data) {  
      vm.movies = data;  
    }  
  );  
}
```

movieDetailCtrl.js

```
angular  
  .module("movieHunter")  
  .controller("MovieDetailCtrl",  
              ["movieResource",  
               "$routeParams",  
               MovieDetailCtrl]);  
  
function MovieDetailCtrl(movieResource, $routeParams) {  
  ...  
  movieResource.get({ id: $routeParams.movieId },  
    function (data) {  
      vm.movie = data;  
    }  
  );  
}
```